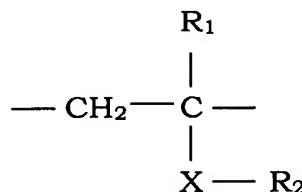


CLAIM AMENDMENTS

1. (Currently Amended) A via-filling material filling a via hole when a trench, wider than the via hole, is formed by plasma etching an insulating film including the via hole, said via-filling material comprising a polymer containing a repeating unit represented by



wherein

R_1 is a member selected from the group consisting of hydrogen, fluorine, chlorine, bromine, and methyl group;

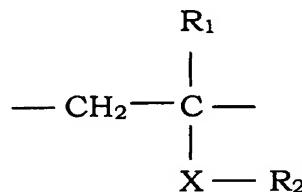
R_2 is a member selected from the group consisting of hydrogen, a C_{1-3} alkyl group, and a C_{1-4} alkyl group in which the hydrogen is replaced by at least one of fluorine, chlorine, and bromine; and

X is ---C(=O)O--- or ---S(=O)_2O--- .

2. (Original) The via-filling material of Claim 1, wherein said polymer has a weight average molecular weight of 1,000 to 200,000.

3 – 14 (Canceled).

15. (New) A via-filling material filling a via hole when a trench, wider than the via hole, is formed by plasma etching an insulating film including the via hole, said via-filling material comprising a polymer containing a repeating unit represented by



wherein

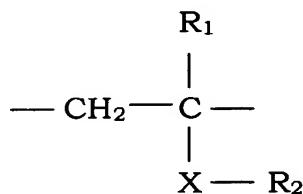
R_1 is a member selected from the group consisting of fluorine, chlorine, and bromine;

R_2 is a member selected from the group consisting of hydrogen, a C_{1-3} alkyl group, and a C_{1-4} alkyl group in which the hydrogen is replaced by at least one of fluorine, chlorine, and bromine; and

X is $-C(=O)O-$.

16. (New) The via-filling material of Claim 15, wherein said polymer has a weight average molecular weight of 1,000 to 200,000.

17. (New) A via-filling material filling a via hole when a trench, wider than the via hole, is formed by plasma etching an insulating film including the via hole, said via-filling material comprising a polymer containing a repeating unit represented by



wherein

R_1 is a member selected from the group consisting of hydrogen, fluorine, chlorine, bromine, and methyl group;

R_2 is a member selected from the group consisting of hydrogen, a C_{2-3} alkyl group, and a C_{1-4} alkyl group in which the hydrogen is replaced by at least one of chlorine and bromine; and

X is $-C(=O)O-$.

18. (New) The via-filling material of Claim 17, wherein said polymer has a weight average molecular weight of 1,000 to 200,000.